

TITLE OF INVENTION

**SPINNERET FOR PRODUCING CIRCULAR CROSS SECTION YARN
AND PROCESS FOR MAKING THE SAME**

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ABSTRACT OF THE DISCLOSURE

A melt extrusion spinneret plate has at least one non-circular capillary orifice for producing at least a single filament of circular cross-sectional shape. This non-circular cross-sectional shape of the extrusion 10 capillary, when used to extrude filaments of circular cross-sectional shape, extends the spinneret wipe life by lessening the amount of thermal deposits, which extends the time between wipe cycles. As a result of increased wipe life, the productivity of the process is increased.